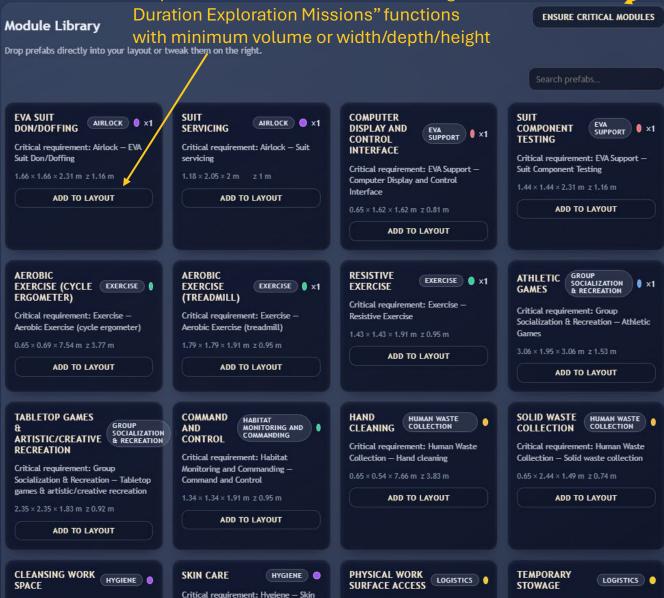


Pre-defined module based on "Defining the Required Net Habitable Volume for Long

Critical requirement: Hygiene -

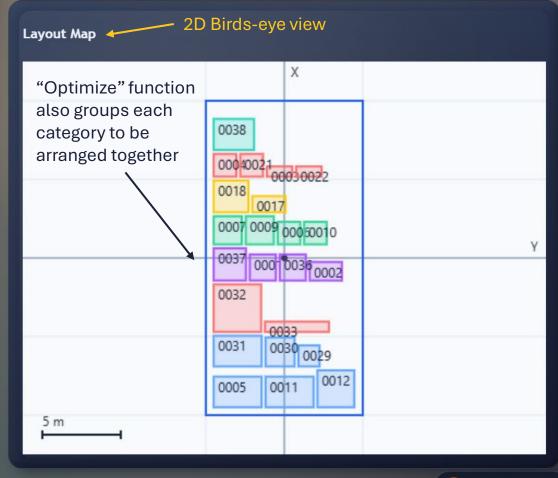


Critical requirement: Logistics -

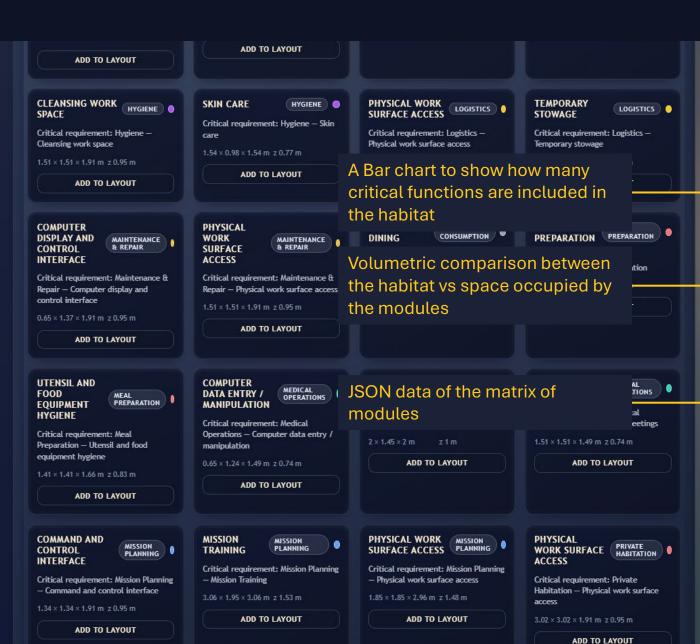
Critical requirement: Logistics -

Each pre-defined module has criticality rating. This button adds all criticality "1" modules to the habitat. Each addition to layout triggers "Simulate" and "Optimize" function

The optimizer clusters modules by type, keeps critical functions, and flags removals inline.





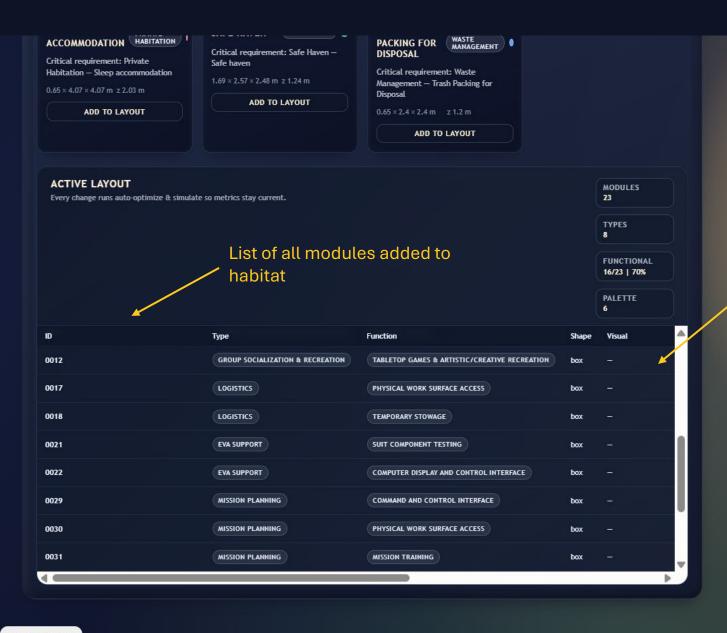




A pie chart of how many critical functions were are included in the habitat

A spider chart of how much width, depth, height dimensions are occupied





Scroll to the side for Edit and Delete button to customize each module Al agent to help create modules from descriptions



## **GROMMIT MODULE GENERATOR**

Describe what you need and Grommit will sketch out new modules.

ASK GROMMIT

Build a quiet sleep pod near the exercise zone

GENERATE MODULES

CLOSE

## HABITAT CROSS-SECTION

OPEN VIEW OF STACKED HABITAT LEVELS AND MODULES

Alternate view of all modules added with a bar chart to show the volume it occupies

RECREATION

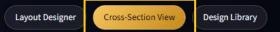
CENTER 3.3 m, -8.3 m, -4.1 m

2.3 m × 2.3 m × 1.8 m

SIZE CENTER

VERTICAL

2.6 m, -0.8 m, -4 m









- 2. Apply the layout to open it directly in the Designer workspace.
- 3. Simulate to capture a snapshot or inspect the stacked cross-section.

Lunar Surface Habitat" by ASCEND